

ABSTRACT OF THE DISCLOSURE

A method and device for hiding refresh operations during accesses to sub-arrays of a pseudo-static memory device. By refreshing sub-array_j while filling the row R_i (where $i \neq j$) corresponding to sub-array_i, refresh operations
5 can be performed without risking that a read request will interrupt the refresh operation. Additional refresh operations of sub-array_j can be performed serially with the operations of filling the row R_i without delaying the overall burst read or write operation if the burst is made sufficiently long.